**Inquiry Learning Template**

**Syndicate same posters on display of process**

**Children visually see process – what stage at**

**Key Competencies**

Thinking – Developing Understanding, making decisions, shaping actions or constructing knowledge

Participating and contributing – Looking at communities with a common interest (class, family, school, community, global)

**Display question on wall**

**Values**

Community and Participation – For the common good

Ecological Sustainability – Care for the environment

**Achievement Objectives**

**Science**

Material World – Observe, describe and compare physical properties of common materials and changes that occur when material are mixed, heated or cooled

Technology

Planning for practice, technological modeling and products, characteristics of technology – purposeful (instrument]

NEED TO DO OTHER CURRICULUM AREAS

AND LINK BACK TO THINKING IN K.C

Brainstorm ideas as a class and record .

Post stik -individuals

WORMS - TOPIC

Using the seven servants - model questions?

Children write up to five questions in their writing book about what they want to know about worms?

Teacher collates and displays on the wall.

**Skills and Processes**

* Teach correct use of question marks
* Consider others opinions
* Group and individual work
* Co-op skills

**Skills and Processes**

* Sifting/sorting
* Brainstorming
* Questioning
* Six hats

**The Big Question**

What happens to our rubbish?

Hook – Photo of bins

**Finding Out!**

Time for questions…

* Gaining Knowledge
* Gathering data
* Thinking Hats

PLAN – visit C.C.C.

If had time would have got children to ring council and plan letter to parents. Go over letter .

Library display

Expert - Finn McGregor to present to class. 3 bins booklet he made.

Look at council posters

Ask other class/buddy.

Messenger to other class with letter of request.

Bring 3 waste items/phtograph and sort into love heart Design note home -

Worksheet - sort

**Skills and Processes**

* Skimming and scanning, finding key words
* Questioning
* Six Hats
* Mind Clouds

**Sorting Out!**

Our Class plan…

* What are my questions?
* Where will I find the information?
* Who, what, where, when, how

**Tuning In!**

* What do we already know?
* Gather prior knowledge

**Skills/Processes**

* Justifying statements
* Brainstorming
* Organisational skills
* Social and co-op work
* Presentataiton of work -set standard

Class wormery

3 bins in class

Share with syndicate and talk to other classes

Display menus

Make wormery at home

How I help at home – Record sheet What I put in what bin. Transfer on kidspiration graph

Show Chris Duggan what we have done

Share on wiki/web

Bins

Take booklets home

Display booklets in library –

Send to council

**Skills/Processes**

* Using search engine
* Know how to use verbs to start sentence .
* Social skills
* Thinking Hats
* M-1 graph

Worm Visit photos of making wormery

Procedure text

Teach verbs – one word to start and write on photo – in pairs and share - sequence

Write full sentence using start word

Facts about Tiger Worms – in books white hat

Collate and display

Google images on tiger worms select and – print

Menus for worms – black and yellow hat

Organics Bin

Google image – put in word

List or use kidspiration and transfer to word not sure if can 1-m graph and picture gram

Repeat for together and make a booklet.

Reflection cloud

Or

Tick off sheet with stars/smiles

**Skills/Processes**

* Evaluating own and others ideas
* Self assessing
* Thinking critically

**Evaluating and reflecting!**

* **I felt**
* **I used**
* **I tried**
* **I wondered**
* **I learnt**

**Going Further!**

* How can I spread the word?
* How can I make a difference?

**Taking Action!**

* Find the answers
* Sort
* Work out how to present
* DO IT!